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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,987	01/11/2002	Robert R. Buckley	D/A1651	5864

37211 7590 02/22/2005

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EXAMINER

HALIM, SAHERA

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 02/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/042,987

Applicant(s)

BUCKLEY ET AL.

Examiner

Sahera Halim

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/14/03</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-4 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 6,314,452 to Dekel et al (hereinafter Kekel).

3. Reference to claim 1, Dekel teaches a method for document viewing comprising the steps of (abstract):

a) a client-side device (client computer 110) requesting a section of a document (ROI) from a server-side device (Imaging server 120) and said server-side device receiving said request (see abstract, Fig.1 and 2. Dekel teaches requesting ROI from the server and the server receiving the request for ROI);

b) the server-side device (server 120) retrieving the requested document, and identifying in the retrieved document the requested section (ROI) (see, col. 4, line 62 – col. 5, line 10; Dekel teaches identifying ROI by checking if the corresponding data block exists in the cache 121, if not, the sever 120 then computes the data block, stores it in the cache 121);

c) the server-side device converting the identified section into a wavelet compressed image (abstract and col. 25, line 9 – 22, Dekel teaches encodes using wavelet to compressed image);

d) the server-side device communicating said wavelet compressed image to the client-side device (abstract, Fig. 1-2 and col. 4, line 51 – col. 5, line 9, Dekel discloses sending the preprocessed ROI to the client);

e) the client-side device decompressing said received wavelet compressed image (abstract, Dekel discloses the client computer performs decoding); and

f) the client-side device displaying the decompressed document section requested (abstract, Fig.1 and 2 and col. Col. 15, line 15 – col. 16, line 9, Dekel teaches GUI for displaying).

4. Regarding claim 2, Dekel teaches a method as in claim 1 further comprising the step of repeating steps a-f until said requests are terminated by the client-side device col. 4, line 1 – col. 5, line 10 and col. 15, line 15 – col. 16, line 9).

5. Reference to claim 3, Dekel teaches method as in claim 1 wherein wavelet compression is said done in accordance with a JPEG2000 standard (col. 26, line 1 – 8).

6. As to claim 4, Dekel discloses a method as in claim 1 wherein communication between said client-side device and said server-side device is done over a wireless link (col. 4, lines 11 –14).

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7. As to claim 6, Dekel teaches a method as in claim 1 wherein said requested document section encompasses the entire document (abstract and col. 22. lines 39 – col. 23, lines 7, Dekel inherently teaches this limitations because ROI could be the entire document based on the user specification).

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Dekel. Although the system disclosed by Dekel shows substantial features of the claimed invention (discussed above), it fails to teach said client-side device is a handheld device.

Nonetheless Dekel does teach that the network could be a wireless network (See col. 4, line 11 – 14). Having the teachings of Dekel it would have been obvious for a person having ordinary skill in the art at the time of the invention to replace Dekel client computer with a handheld device in order to increase user flexibility.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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U.S. Pat. No. 6,539,547 to Driscoll, Jr. et al.

U.S. Pat. No. 6,449,639 to Blumberg

U.S. Pat. No. 6,708,309 to Blumberg


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sahera Halim whose telephone number is (703) 305-8054. The examiner can normally be reached on M-F from 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sahera Halim
Patent Examiner
AU : 2157

February 14, 2005


ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
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